

**EARTH LEAKAGE BREAKER HAVING INSTANTANEOUS TRIP DEVICE
INCORPORATED THEREIN**

Patent number: KR2002010733
Publication date: 2002-02-04
Inventor: HONG SEONG GWON (KR)
Applicant: HYUNG JE ELECTRIC CO LTD (KR)
Classification:
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- european:
Application number: KR20020002216 20020115
Priority number(s): KR20020002216 20020115

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Abstract not available for KR2002010733

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[Derwent Title:](#) Earth leakage breaker having instantaneous trip device incorporated therein

[Original Title:](#) ☒ KR2010733A: EARTH LEAKAGE BREAKER HAVING INSTANTANEOUS TRIP DEVICE INCORPORATED THEREIN

[Assignee:](#) HYUNG JE ELECTRIC CO LTD Non-standard company

[Inventor:](#) HONG S G;

[Accession/Update:](#) 2002-554960 / 200259

[IPC Code:](#) H01H 83/00 ;

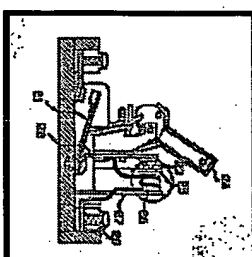
[Derwent Classes:](#) X13:

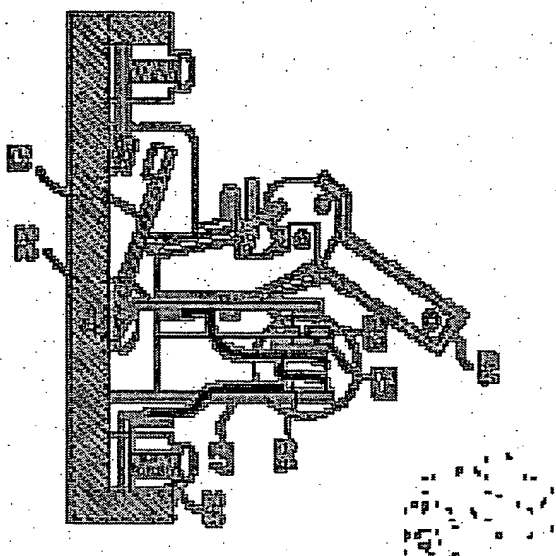
[Manual Codes:](#) X13-D05(Protective switches actuated by abnormal electrical conditions other than solely by excess current)

[Derwent Abstract:](#) (KR2010733A) **Novelty** - An earth leakage breaker is provided to break circuit in an accurate and rapid manner upon occurrence of over current, while preventing thermal degradation of coating of wire by reducing the time taken for breaking.

Detailed Description - A breaker comprises a trip unit for turning off an electric device upon occurrence of over load; a bi-metal(22) connected to the trip unit, and which is bent in accordance with the temperature change; a detection unit for detecting over current; a shunt unit(27) for connecting the bi-metal and a terminal holder; a bobbin(26) disposed adjacent to a motor unit(25) and connected to an operating unit(23), and which winds up the shunt; a terminal holder(28) connected to the shunt unit, and which fixes a terminal; a moving unit(21) connected to the bi-metal and arranged adjacent to the terminal holder, and a handle unit(24) protruded outward from the body of the breaker.

[Images:](#)





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Family:

PDF Patent Pub. Date Derwent Update Pages Language IPC Code

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Local apps.: KR2002000002216 Filed:2002-01-15 (2002KR-0002216)

Priority Number:

Application Number	Filed	Original Title
KR2002000002216	2002-01-15	EARTH LEAKAGE BREAKER HAVING INSTANTANEOUS TRIP DEVICE INCORPORATED THEREIN

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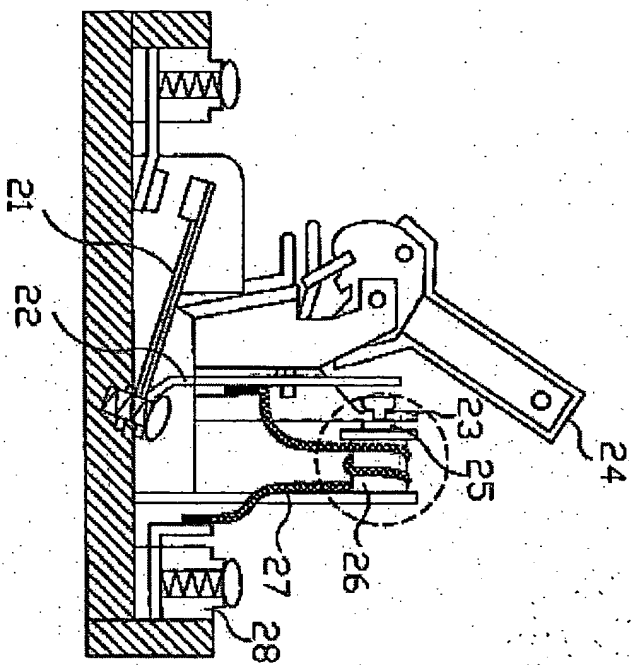
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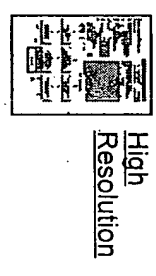
Derwent Title: Earth leakage breaker having instantaneous trip device incorporated therein [Derwent Record]

Country: KR Republic of Korea

Kind: A Examined Patent Application 1

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Assignee: HYUNG JE ELECTRIC CO., LTD. Republic of Korea
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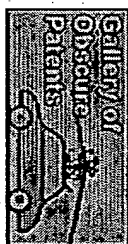
ECLA Code: None

Priority Number: 2002-01- KR2002000002216

Family:

PDF	Publication	Pub. Date	Filed	Title
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